

CHURBAKOV, V.F.; GORDON, S.A.; MENKOVSKIY, M.A.

Synthesis of ferrous-ferric oxide containing bivalent germanium.  
Geokhimiia no.5:483-485 My '64. (MIRA 18:7)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki.

MOMDZHI, G.S.; GRIGOR'YEV, V.M.; CHURBAKOV, V.F.

Conditions governing the accumulation and characteristics of the  
distribution of germanium in iron ores. Min.syr'e no.7:28-33 '63.  
(MIRA 16:9)

(Germanium) (Iron ores)

GORDON, S.A., kand.tekhn.nauk; SPEKTOR, A.N.; CHURBAKOV, V.F., kand.tekhn.nauk

Recovery of germanium from coal and ores abroad. Biul.tekh.-ekon.  
inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.9:83-88 '63.  
(MIRA 16:10)

GLADYSHEV, G.P.; RAFIKOV, S.R., akademik; CHURBAKVA, N.V.

Determination of the efficiency of weak inhibitors in viscous media.  
Dokl. AN SSSR 165 no.1:133-135 N 1965.

(MIRA 188:0)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazSSR (for  
Rafikov).

KOVBA, L.M.; CHURBAKOVA, T.I.

X-ray investigation of potassium polyuranates. Zhur.strukt.  
khim. 2 no.5:585-590 S-0 '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.  
(Potassium uranate)

CHURBANOV, V.; SYCHEV, A.

Economic growth of socialist Mongolia. Vnesh. torg. 43 no.7:3-5  
'63. (MIRA 16:8)  
(Mongolia--Economic conditions)

RAFIKOV, S.R.; GLADYSHEV, G.P.; KHASANOVA, N.F.; CHURBKOVA, N.V.

Effect of the nature of initiator on the mass polymerization of methyl methacrylate. Trudy Inst. khim. nauk AN Kazakh. SSR 11:19-24 '64.  
(MIRA 17:11)

KHASANOVA, N.F.; CHURBAKOVA, N.V.; GLADYSHEV, G.P.

Polymerization of methyl methacrylate in the presence of dimethyl peroxydicarbonate. Trudy Inst. khim. nauk AN Kazakh. SSR 11:30-35 '64. (MIRA 17:11)

L 16841-66	EWT(m)/T	WE	
ACC NR.	AM6000299	(N)	Monograph
<u>Gittis, Vladimir Yul'yevich; Bondarenko, Vladimir Leonidovich; Yefimov, Teodor Petrovich; Polyakov, Yury Gavrilovich; Churbanov, Boris Mikhaylovich</u>			
Theoretical principles of the operation of marine diesel engines (Teoreticheskiye osnovy ekspluatatsii sudovykh dizeley) Moscow [Izd-vo "Transport"] 1965. 375 p. 47 illus., bibliog. 3000 copies printed. 23.44.53 B+1			
TOPIC TAGS: diesel engine, internal combustion engine, engine performance characteristic, shipbuilding engineering, marine engineering, marine engine			
PURPOSE AND COVERAGE: This book is intended for engineers and technicians working with marine diesel power units, and may be used as a textbook by students and degree candidates in higher educational institutions and marine and shipbuilding institutes. The book attempts to relate the theory of internal-combustion engines, propellers, and hydraulic resistance to the actual operation of diesel-engine units. Problems involving fuel combustion and heat distribution in engines are reviewed along with the operating characteristics of diesels under shipboard conditions. The effect of use conditions on diesel operation and the monitoring of the quality of diesel operation under various ship running conditions are discussed. Recommendations are given for selecting diesel operating conditions, and methods are presented for plotting and using capacity charts for monitoring the propulsion gear (engine, screw, hull) of a vessel. The authors thank Doctor of Technical Sciences, Professor V. I. Nebesnov for his valuable remarks and suggestions.			
Card	1/2	UDC:	621.431.74.004/011

L 16841-66

ACC NR: AM6000299

TABLE OF CONTENTS (Abridged):

Foreword — 4

Ch. I. Theoretical fundamentals for the feasibility of an efficient operating cycle  
for a diesel — 11

Ch. II. The variation in the working-process parameters of a diesel during operation  
according to different characteristics — 33

Ch. III. The effect of use factors on marine diesel operation — 118

Ch. IV. Operating conditions of marine diesels — 227

Ch. V. The use of capacity (initial) charts for monitoring the quality of operation  
and condition of marine diesels — 332

Appendices — 365

References — 371

SUB CODE: 13,21/ SUBM DATE: 28Jul65/ ORIG REF: 089/ OTH REF: 007

Card 2/2 M

CHURBANOV G.V.

CHURBANOV, G.V.

Raising workers' qualification. Tekst.prom.8 no.2:28-29 F '48.  
(MLRA 8:11)

1. Glavnnyy inzhener Glavshchersti  
(Textile industry)

CHURBANOV, G. V.

CHURBANOV, G. V. -- "Methods of Preparing Combed Tape from Staple Fiber Using the Fine-Comb System of Spinning." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

Basic trends of technical progress in the woolen and worsted  
industry. Tekst. prom. 17 no.7:6-12 Jl '57. (MIRA 10:9)

1. Nauchnyy rukovoditel' TSentral'nogo nauchno-issledovatel'skogo  
instituta Shersti.  
(Woolen and worsted manufacture)

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

The technology of woolen and worsted manufacture in Britain.  
Tekst.prom.17 no.1:50-55 Ja '57. (MLRA 10:2)  
(Great Britain--Woolen and worsted manufacture)

CHURBANOV, G.V., kandidat tekhnicheskikh nauk.

Techniques used in the wool industry in England. Tekst. prom.  
17 no.4:53-57 Ap '57. (MLRA 10:4)  
(Great Britain--Woolen and worsted manufacture)

CHURBANOV, Grigorij Vasili'evich; YEMEL'YANOV, Dmitriy Ivanovich; GUS'KOV,  
Ye.A., redaktor; DMITRIYEVA, N.I., tekhnicheskiy redaktor

[Wool combing with automatic control of the evenness of the sliver]  
Grebennoe priborovanie sherssti s avtomaticheskim regulirovaniem rovnosti  
produkta. Moskva, Gos.snauchno-tekhnic.izd-vo lit-ry po legkoi pro-  
myshl., 1957. 136 p. (MLKA 10:10)  
(Wool-combing)

CHURBANOV, G.V., kand.tekhn.nauk; VENEDIKTOV, D.I.

Device for measuring the length of individual fibers. Tekst.prom.  
18 no.10:60-61 O '58. (MIRA 11:11)  
(Textile fibers--Measurement) (Great Britain--Measuring instruments)

GAKEL', R.A.; VALYAYEV, R.M.; CHURBANOV, G.V., red.; AKSENOVA, I.I.,  
red.; KNAKIN, M.T., tekhn.red.

[P-132-Sh spinning machine] Priadil'naia mashina P-132-Sh.  
Pod red. G.V.Churbanova. Moskva, Gos.nauchno-tekhn.izd-vo  
lit-ry po legkoi promyshl., 1959. 102 p. (MIRA 13:5)  
(Spinning machinery)

CHURBANOV, G.V., kand.tekhn.nauk

Prospects for the expanding of the rug industry. Tekst.prom. 20  
no.3:21-24 Mr '60.  
(Rug and carpet industry)

ANIKIN, A.V.; BELYAYEVA, G.A.; CHURBANOV, I.M.

Quick method for qualitative analysis of samples in X-ray spectra.  
Izv. AN Turk.SSR.Ser.fiz.-tekhn.,khim.i geol.nauk. no.3:120-121 '62.  
(MIRA 16:5)

1. Fiziko-tehnicheskiy institut AN Turkmenskoy SSR.  
(X-rays spectroscopy) (Chemistry, Analytical—Qualitative)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURBANOV, I.S.  
CHURBANOV, I.S., inzh.

Soviet combine manufacturing on the 40th anniversary of the Great  
October Revolution. Sel'khozmashina no.11:6-7 N '57. (MIRA 10:12)  
(Combines (Agricultural machinery))

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

CHURBANOV, I.S., inzh.

Analysing results of tests on the SK-3 self-propelled combine and  
its modified models. Trakt. i sel'khozmash, no.3:13-19 Mr '58.  
(Combines (Agricultural machinery)--Testing) (MIRA 11:5)

~~CHURBANOV I.S. Singh.~~

Results obtained from testing self-propelled chassis with  
mounted machinery. Trakt.i sel'khozmash. no.8:20-22 Ag '59.  
(MIRA 12:11)

(Agricultural machinery--Testing)

CHURBANOV, I.S., inzh.

Technical trends in designing machinery for cultivating, harvesting  
and processing grain crops. Trakt. i sel'khozmash. 30 no.6:17-19  
Je '60. (MIRA 13:11)

(Agricultural machinery) (Grain)

CHURBANOV, I.S., inzh.

Harvesting machinery. Trakt. i sel'khozmash. 31 no.7:27-28  
Jl '61. (MIRA 14:6)

(Harvesting machinery)

CHURBANOV, I.S., inzh.

Self-propelling SSh-45 chassis with mounted harvesting machinery.  
Trakt.i sel'khozmash. 32 no.4:24-27 Ap '62. (MIRA 15:4)  
(Harvesting machinery)

CHURBANOV, I.S.

Grain cleaning and drying stations for collective and state farms.  
Trakt. i sel'khozmash. 33 no.8:20-23 Ag '63. (MIRA 16:11)

CHURBANOV, P.

Lessons on a screen. Prof.-tekhn. obr. 21 no. 5;22 Ky '64.

(MIRA 17;6)

l. Zamestitei' direktora Novosibirskogo gorodskogo professional'-no-tekhnicheskogo uchilishcha No.12.

KATALIMOV, M.V.; CHURBANOV, V.M.

Agricultural and chemical evaluation of precipitated magnesium borate as a boric fertilizer. Khim.prom. no.7:604-605 O-N '59. (MIRA 13:5)  
(Magnesium borate) (Fertilizers and manures)

KATALYMOV, M.V.; CHURBANOV, V.M.; RYABOVA, S.I.; KNYAZEVA, M.A.; SEZEMOVA,  
Z.S.; PALILOVA, N.I.; GORLENKO, M.V.

Studying different ways and methods for applying trace element  
fertilizers. [Trudy] NIUIF no.164:53-54 '59. (MIRA 15:5)  
(Trace elements) (Fertilizers and manures)

CHURBANOV, V.M.; MAMEDOV, O.G.

Some results of studying the rate of the uptake and translocation of molybdenum in plants, using the radioisotope Mo<sup>99</sup>. Dokl. AN Azerb. SSR 18 no.2:63-67 '62. (MIRA 15:7)

1. Institut pochvovedeniya i agrokhimii AN AzSSR. Predstavлено  
академиком АН АзССР Г.А. Алиевым.  
(Plants, Effect of molybdenum on)

CHURBANOV, Yu.M.

Chuck and device for fastening cutters. Stan.i instr. 33  
no.8:38 Ag '62. (MIRA 15:8)  
(Chucks)

*CHURBANOVA, A.K.*  
CHURBANOVA, A.K.

Drug-induced sleep in treating experimental complicated staphylococcal infection. Zhur.mikrobiol.epid. i immun., supplement for 1956:2 '57  
(MIRA 11:3)

1. Iz Bashkirskego meditsinskogo instituta.  
(SLEEP--THERAPEUTIC USE) (MICROCOCCAL INFECTIONS)

USSR/Microbiology. Microbes Pathogenic for Man and Animals F

Abs: Jour : Ref Zhur-Biol., No 13, 1958, 57680

Author : Churbanova A. K.

Inst : Ufa Scientific-Research Institute of Vaccines  
and Sera

Title : On the Problem of the Indicators of Immunity  
to Proteus in an Experimental Wound Infection.

Orig Pub : Tr. Ufimsk. n.-i. in-ta vaktsin i syrovorotok,  
1957, vyp 4, 243-249

Abstract : No abstract

Card 1/1

CHURBANOVA, A.K.

Mechanism of immunity to Proteus in compound infection of wounds;  
author's abstract. Zhur.mikrobiol.epid. i immun. 29 no.2:128-129 F  
'58. (MIRA 11:4)

1. Iz kafedry mikrobiologii Bashkirskogo meditsinskogo instituta.  
(PROTEUS)

CHURBANOVA, A.K.

Compound therapy of an associated purulent infection against  
a background of previous radiocobalt gamma-ray irradiation.  
Zhur. mikrobiol., epid. i immun. 40 no.4:78-82 Ap '63.

l. Iz Bashkirskogo meditsinskogo instituta. (MIRA 17:5)

VORONEZHSKIY, V.I.; KOBERNICHENKO, I.A.; CHURBANOVA, I.S., red.;  
SHCHEGLOVA, I.B., red.

[Mechanization of sugar beet growing and harvesting; a  
survey] Mekhanizatsiya vozdelyaniia i uborki sakharinoi  
svekly; obzor. Moskva, 1962. 132 p. (Serooa XI: Traktor-  
noe i sel'skokhoziaistvennoe mashinostroenie)

(MIRA 17:4)

1. Moscow. TSentral'nyy institut nauchno-tehnicheskoy in-  
formatsii po avtomatizatsii i mashinostroyeniyu.

CHURBANOVA, M.V., inzh.; ISTOMINA, T.I., inzh.

Application of beam warping and sizing in the weaving of fine  
woolen cloth. Nauch.-issl.trudy TSNIIIShersti no.16:34-43 '61.  
(MIRA 16:11)

CHURBANOVA, M.V., inzh.; Prinimali uchastiye: ALEKSEYEVA, Z.K., starshiy  
laborant; KISELEV, I.Ye., inzh.; ANDRYUSHIN, V.A., inzh.

New automatic AT4-175-Sh four-shuttle loom for the woolen and  
worsted industry. Nauch.-issl. trudy TSNIIShersti no.17:  
73-76 '62.

(MIRA 17:12)

1. Klimovskiy mashinostroitel'nyy zavod (for Alekseyeva).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i  
tekstil'nogo mashinostroyeniya (for Andryushin).

CHURCHOR, E.

"Powder and Wire for Automatic Shielded-Arc Welding", p. 172, (PRZEGLAD SPAWALNICTWA, Vol. 6, No. 8, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

SMIRNOV, V.S.; CHURDNOVSKIY, A.F.; KAGANOV, M.A.

Theoretical way of evaluating the heat conductivity of porous  
alloys at high temperatures. Trudy IPI no.243:12-18 '65.  
(MIRA 18:6)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

1. CHUREKOV, F. P.
  2. USSR (600)
  4. Agriculture - Biography
  7. Training master framers. Kolkh. proizv. 13, no. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress. May 1953. Unclassified.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

1. CHUREKOV, F. P.
2. USSR (600)
4. Agriculture - Experimentation
7. House of Farm Crops. Dost. sel'khoz. no. 1, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KOGAN, O.G.; CHUREKOVA, N.I. (Karaganda)

Combination of myoplegia and epilepsy. Klin.med. 38 no.9:128-  
130 S '60. (MIRA 13:11)

1. Iz kafedry nervnykh bolezney (zav. - dotsent P.G. Mandryko)  
Karagandinskogo meditsinskogo instituta (dir. - dotsent P.M.  
Pospelov).

(EPILEPSY)

(PARALYSIS)

KOGAN, O.G.; CHUREKOVA, N.I.; SPIVAK, R.M.

Analysis of diagnostic errors in diseases of the lumbosacral part of  
the peripheral nervous system. Zdrav. Kazakh. 21 no.6:34-38 '61.  
(M1:4 15:2)

1. Iz kafedry nervnykh bolezney (zav. - dotsent R.G.Mandryko)  
Karagandinskogo meditsinskogo instituta.  
(NERVOUS SYSTEM, PERIPHERAL DISEASES)

CHURENKOV, A., inzh.

Air-entrained cinder concrete treated in autoclaves. Tekh.-ekon.  
biul. no.1/2:36-40 Ja-F '59. (MIRA 12:4)  
(Cinder blocks)

CHURENKOY, A.V.

YEFIMOV, A.D., inzhener; PAVLOV, V.I., inzhener; CHURENKOY, A.V., tekhnik;  
SERGEICH, V.I., tekhnik; TSARENKOVA, B.S., motoristka.

Autoclave porous-concrete building products from waste cinder.  
Rats.i izobr.predl.v stroi. no.55:18-19 '53. (MLRA 7:3)  
(Cinder blocks)

CA CHUREVA, M. N.

5

Chillagite from East Transbaikalia. M. N. Chureva.  
Zapiski Vsesoyuz. Mineral. Obrashchenia (Mém. soc.  
russe minéral.) 77, 103-4 (1948).—This rare mineral of  
the compn.  $3\text{PbWO}_4\text{PbMoO}_4$  was observed in W ore  
(scheelite) placers of the Shakhtamina territory, assoc.  
with vanadinite, cerussite, and mottramite (the latter  
from the oxidation zone). Crystals without any crystal  
forms; hardness 3.5; luster intermediate between that  
of scheelite and wulfenite, D. 7.5, n 2.28 to 2.37,  
birefringence very strong (about 0.11). A specific chem.  
reaction of chillagite is observed with HCl: the white  
ppt. of  $\text{PbCl}_2$  is stained green if an Fe rod is introduced  
into the HCl soln. (Mo is reduced from the sexivalent  
to the quinquevalent state). The same reaction is ob-  
served with wulfenite which has a higher Mo content than  
chillagite and reacts therefore even more rapidly. The  
W blue reaction is additionally typical for chillagite, if it is  
fused with  $\text{KHSO}_4$ , and the HCl soln. is treated with Sb  
metal. In wulfenite this reaction is neg. The distinc-  
tion from stolzite (Mo absent), pyromorphite, and mime-  
tite (without Mo and W) is simple. Scheelite is extremely  
slowly reacting with HCl, and moreover free from Mo and  
W. Eitel

USSR/Human and Animal Morphology (Normal and Pathological) Nervous S  
System.

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31244

Author : Churovich A.G.

Inst : Not Given

Title : Peculiarities of Innervation of the Periosteum of Different Fingers of the Hand.

Orig Pub : Sb. tr. Kurskiy med. in-t, 1956, vyp. 11, 78-81

Abstract : In the periosteum (P) of the bones at the fasciculus, there is a great quantity of nerve fibers and receptors; the original fan method of division of the nerves in the area of the nail bones is noted. P of the most active fingers (I, II and III) is the most highly developed innervating apparatus. The P of the palmar surface of fingers I and V contains a greater quantity of receptors than do analogous sections of P of other fingers.

Cord : 1/1

CHUREYEVA, N.V.

1. L. M. KULBERG, PROF., N. V. CHUREYEVA, L. A. MCLOT
2. USSR (600)
4. Cement - Testing
7. Rapid method of determining aluminum oxides in cement. TSement 18 no. 6.  
1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

EXCERPTA MEDICA Sec. 6 Vol. 11/8 Aug. 57  
CHURGINA R.A.

4922. CHURGINA R.A. Dept. of Morbid-Anat. of the Med. Inst., Krasnojarsk.  
"Thrombosis of the renal veins in amyloid-lipoid  
nephrosis (Russian text) KLIN. MED. (Mosk.) 1955, 33/1 (70-73)  
In renal amyloidosis and lipoid nephrosis, thrombosis with complete obstruction  
of the renal veins may develop, a pathological picture that is little known and is  
even easily overlooked at autopsy. Rapidly progressive oliguria up to complete  
anuria is characteristic of this disease. The patients die of uraemia. The SU  
literature on this subject is discussed in detail, and personal observations are  
described. The thrombosis begins in the small renal veins and extends to the  
hilus. The author's observations mainly concerned conditions after old injuries.  
Clinically, there was pain in the renal region. Oedemas and uraemic signs de-

4922

CONT.

veloped very rapidly. The cause is considered to be a change in the blood composition.

ACCESSION NR: AP4015145

S/0064/64/000/002/0130/0133

AUTHORS: Karapet'yants, M. Kh.; Churicheva, L. V.

TITLE: Adapting methods of comparative calculation for estimating certain properties of n-perfluoroalkanes

SOURCE: Khimich. promyshi., no. 2, 1964, 130-133

TOPIC TAGS: perfluoroalkane, boiling point, critical temperature, critical pressure, critical volume, normal alkane, saturated vapor pressure, comparative calculation

ABSTRACT: The correlation between the boiling point and saturated vapor pressure, and the critical parameters (pressure, temperature, volume) of n-perfluoroalkanes were approximated using methods I, II, and IV of comparative calculations as described by Karapet'yants (Khim. prom., No. 1, 33 (1961)). Because of their accuracy, data for n-alkanes (which are similar to the n-perfluoroalkanes) were used as the basis for the calculations. The boiling point at pressures ranging from 15 mm. Hg to 20 atm. was calculated for some of

Card 1/3

ACCESSION NR: AP4015145

the C<sub>3</sub> - C<sub>18</sub> n-perfluoroalkanes according to the two equations:

$$\begin{aligned} t_{n-C_nF_{2n+2}} &= (0.8522 + \frac{1.7829}{P}) \cdot t_{n-C_nH_{2n+2}} \\ &\quad + 5.079 \lg P - 16.26 \\ t_{n-C_nF_{2n+2}} &= 10^{-0.0018 \lg P + 0.0167} \cdot t_{n-C_nH_{2n+2}} \\ &\quad + \frac{58.12}{n} - 15.95 \end{aligned}$$

Wherein  $t_{n-C_nF_{2n+2}}$  = boiling point and P = pressure mm Hg. These estimated data compare favorably with the experimental data available. The critical temperature  $t_{cr}$ , pressure  $P_{cr}$  and volume  $V_{cr}$  can be estimated from the following equations:

2/3

Card

ACCESSION NR: AP4015145

$$(L_{cr})_{n-C_nP_{n+1}} = A'_1(L_{cr})_{n-C_nH_{n+1}} + B'_1$$

$$(P_{cr})_{n-C_nP_{n+1}} = A'_1(P_{cr})_{n-C_nH_{n+1}} + B'_1$$

$$(V_{cr})_{n-C_nP_{n+1}} = A''_1(V_{cr})_{n-C_nH_{n+1}} + B''_1$$

$$(P_{cr})_{n-C_nP_{n+1}} = A''_2(V_{cr})_{n-C_nH_{n+1}} + B''_2$$

The following coefficients for these equations were calculated from data for n-alkanes:  $A'_1 = 0.75973$ ,  $B'_1 = -1.86$ ,  $A''_1 = 0.69132$ ,  $B''_1 = -2.725$ ,  $A''_2 = 1.6301$ ,  $B''_2 = -31.5$ ,  $k_1 = 0.0803$  and  $k_2 = \frac{1}{32.173}$ . The average errors in the estimated critical parameters are in the range of 0.20, 0.1 atm. and 4.3 cm<sup>3</sup>/mol. Orig. art. has: 12 Equations and 9 Tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 12Mar64

ENCL: 00

SUB CODE: PH, MM

NR REF SOV: 004

OTHER: 023

Card 3/3

NOVIKOV, V.T., inzh.; SHINKAREV, B.M., insh.; CHURIKOV, A.A., inzh.

Kiln for calcinating diatomite-tripoli heat-insulating products.  
Suggested by V.T.Novikov, B.M.Shinkarev, A.A.Churikov. Rats. i  
izobr. predl. v stroi. no.15:12-14 '60. (MIRA 13:9)

1. Ukruglavprommontazh Ministerstva stroitel'stva USSR, Kiyev, ul.  
Sverdlova.

(Insulation (Heat)) (Kilns)

BATANOV, Aleksandr Ivanovich. Prinimali uchastiye: SYSOLYATIN, S.A.,  
kand. tekhn. nauk; ARASHKEVICH, V.M.; KVASKOV, A.P., doktor tekhn.  
nauk, retsenzent; GIBELEV, I.T., inzh., retsenzent; KRASNOV, G.V.,  
inzh., retsenzent; NIKOLENKO, S.V., inzh., retsenzent; SOL'VAR,  
A.V., inzh., retsenzent; CHURIKOV, A.N., inzh., retsenzent; ROMANOVA,  
L.A., red. izd-va; BOLDYREVA, Z.A., tekhn. red.; PROZOROVSKIY, Ye.G.,  
tekhn. red.

[Iron ore dressing] Obogashchenie rud chernykh metallov. Moskva,  
Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 423 p.  
(MIRA 14: 9)

1. Obogatitel'nyye fabriki Gornogo upravleniya Magnitogorskogo me-  
tallurgicheskogo kombinata (for Gibelev, Krasnov, Nikolenko, Sol'-  
var, Churikov)

(Ore dressing)

CHURIKOV, B.I.

USSR/Pharmacology, Toxicology. Analeptics

U-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17563

Author : Churikov, B.I.

Inst : Saratov Zootechnical Veterinary Institute

Title : Caffeine and Furamone Effect on the Secretion of Intestinal Ferments in Dogs

Orig Pub : Sb. nauchn. stud. rabot Saratovsk. zootehnich. vet. in-ta  
1956, 1, 102-106

Abstract : The experiments were carried out by the Thiri method on two dogs with isolated sections of the large intestines. Under the influence of a 10 mg/kg dose of caffeine, an inconstant change in the amount of secreted gastric juice, a decrease in erepsin and enterokinase activity and an increase in amylase activity were observed. Under the influence of furamone the quantity of juice and of the solid substances it contained increased; the activity of amylase and erepsin increased.

Card : 1/1

CHURIKOV, F.S.

First mathematical olympiad in the city of Dzandzhikau. Usp.mat.nauk  
8 no.6:169-172 K-D '59. / (MLRA 6:12)  
(Dzandzhikau--Mathematics) (Mathematics--Dzandzhikau)

Churikov, F.S.

USSR.

2358. Zhukov, A. M., Rabotnov, Yu. N., and Churikov, F. S. Experimental testing of a few theories of creep (in Russian). Inzhener. Sbornik, Akad. Nauk SSSR, 17, 163-170, 1953.

Creep experiments with copper are described and data obtained are compared with the predictions of two theories: the creep theory of strain hardening [Davenport, C. C., J. appl. Mech. 5, A-55, 1938; Popov, E. P., J. appl. Mech., 14, A-136, 1947], and the theory of aftereffect formulated by second author in his previous papers [Rabotnov, Yu. N., Prikl. Mat. Mekh. 12, p. 53, 1948; Rabotnov, Yu. N., Izv. Akad. Nauk SSSR Otd. tekhn. Nauk p. 789, 1948]. The general mathematical expression of this theory is

$$\varphi(\epsilon) = \sigma(t) + \int^t K(t-r)\dot{\epsilon}(r)dr$$

where author accepts (without giving any physical explanation for his choice)  $\varphi(\epsilon) = A\epsilon^\alpha$  and  $K(t-r) = k(t-r)^{-\beta}$  ( $\alpha, \beta, K$ , and  $A$  are constants, characteristic for a given material).

Tests are carried out in the temperature range from 170 to

OVER

INST. Mechanics, Acad. Sci USSR.

250°C for a number of stresses at each temperature. Duration of test was 30 hours. Also a number of tests were done with change of stress during the test.

Functions  $\varphi(\epsilon)$  and  $G(t)$  where  $d/dt[G(t)] = K(t)$  are obtained graphically from the experimental data, and theoretical creep curves for constant as well as for variable during test stresses are built. The agreement is quite good with the experimental curves, but one should keep in mind that time of tests was comparatively short for creep experiments.

W. Sylwestrowicz, USA

2/2

2/2  
JL  
JW

CHURIKOV, F.S.

0  
INA

Churikov, F. S. On a form of general solution of the equations of equilibrium of the theory of elasticity in displacements. Akad. Nauk SSSR. Prikl. Mat. Meh. 17, 751-754 (1953). (Russian)

The author obtains a general solution to the equations of linear elasticity for isotropic materials. When the body force vanishes, the displacement vector is expressed in terms of a harmonic scalar and a harmonic vector. The author makes a statement to the effect that his solution is not obviously equivalent to that obtained by G. Erkin [C. R. Acad. Sci. Paris, 190, 1047-1048 (1930)]. J. L. Ericksen.

CHURIKOV, F.S.

Second mathematical olympiad in the City of Ordzhonikidze.  
Usp.mat.nauk 9 no.4:259-262 '54. (MLRA 8:1)  
(Ordzhonikidze--Mathematics)

CHURIKOV,F.S.

Third mathematical olympiad at Ordzhonikidze. Usp.mat.nauk 10  
no.4:215-218 '55. (MLRA 9:1)  
(Ordzhonikidze--Mathematics)

CHURIKOV, F.S.

The forth mathematical contest in Ordzhonikidze. Usp.mat.nauk 11  
no.5:251-254 S-0 '56. (MLRA 10:2)  
(Ordzhonikidze--Mathematics--Competitions)

CHURIKOV, F.S.

124-11-13189

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 133 (USSR)

AUTHOR: Churikov, F. S.

TITLE: The Equilibrium of an Annular Plate and a Disk, with Due Consideration to Creep. (Ravnovesiye kol'tsevoy plastinki i diska s uchetom polzuchestii)

PERIODICAL: Uch. zap. Severo-Osetinsk. gos. ped. in-t, 1956, Nr. 20, pp 217-226

ABSTRACT: The experimental relationship between creep deformation and stress versus time with monoaxial loading is extended to the case of the combined stress condition through the introduction of the stress intensity and deformation. The solution of the problems posed is sought through the stress function  $f$ , which appears as the sum,  $f_1 + f_2$ , where  $f_1$  is the elastic solution of the problem and  $f_2$  is determined from  $f$  through the construction of Green's function. The problem is solved by successive approximations.

(O. V. Sosnin)

Card 1/1

AUTHOR: Churikov, F. S. (Ordzhonikidze) SOV/179-59-3-39/45

TITLE: On a Certain Form of the Equation of Supersonic Flow of Gas (Ob odnoy forme uravneniy sverknzvukovogo techeniya gaza)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1959, Nr 3, pp 204-207 (USSR)

ABSTRACT: Often the supersonic flow of gas is described by a system of two linear equations such as Eq (1.1). In general this system can be solved in respect to the derivatives  $v_x, v_y$  or  $u_x, u_y$  in the form of Eq (1.2), where  $\ell, m$  - linear functions of  $u, u_x, u_y$ . If the coefficients  $a(x,y), b(x,y)$  in Eq (1.2) satisfy the condition (1.3), then Eq (1.2) can be substituted by an equivalent linear differential equation of the hyperbolic type such as Eq (1.4) for the function  $u$  (or  $v$ ), or as Eq (1.5) for the function  $w$ . The formula (1.4) can be transformed into the form of Eq (1.5) if its coefficients satisfy the condition (1.6). Thus, the compact function  $w$  can be defined as Eqs (1.7) or (1.8). In the case of the

Card 1/3

SOV/179-59-3-39/45

## On a Certain Form of the Equation of Supersonic Flow of Gas

unstable isentropic flow, the hyperbolic quasi-linear equation takes the form of Eq (2.1). Its equivalent linear system for  $x, t$  and  $u, \rho$  can be defined as Eq (2.2). If the function  $\Phi(u, \rho)$ , related to  $x, t$  as described by Zommerfeld (Ref 4) is introduced (Eq 2.3), then the expression for  $w$  can be defined as Eq (2.4). Similarly, in the case of a plane flow of a stable character with no eddies, Eq (2.5), the equivalent equation can be written as Eqs (2.6) to (2.8), where  $c$  - velocity of sound. Thus, the function  $w$  can be defined from Eqs (2.7) and (2.8). In the latter case the formula (2.9) is obtained. The third type of flow, which is the current  $\Psi$  (Eq (2.10) described by Sedov, Ref 2), can be substituted by the compact equation (2.11). The following other types of flow can also be distinguished: the Euler flow, Eq (2.12) and its equivalent formula (2.13); the telegraphic current, Eq (2.14) and its equivalent compact equation (2.15). As can be seen, all the basic formulae (2.3), (2.6), (2.10), (2.12) and (2.14) can be transformed into the compact form, Eq (1.5) if their limiting forms can be represented as the corresponding

Card 2/3

SOV/179-59-3-39/45

On a Certain Form of the Equation of Supersonic Flow of Gas

condition w of the equivalent equations. Eq (1.5) can  
be integrated as shown on p 207.  
There are 4 Soviet references.

ASSOCIATION: Severo-Oseti<sup>n</sup>nskiy gosudarstvennyy pedagogicheskiy  
institut (North-Osetian State Pedagogic Institute)

SUBMITTED: July 15, 1957

Card 3/3

CHURIKOV, S.

Report Presented at the 1st All-Union Congress of Theoretical and Applied Mechanics,  
Moscow, 27 Jan - 3 Feb '60.

303. G.I. Pula (Moscow). Investigation of the characteristics of the differential method of the differential method.
304. B. I. Butorin (Moscow). Mathematical formulation of the theory of vibration in soil layers under foundations of railway structures.
305. A. A. Pukinskii (Petrozavodsk). On the stability and vibrations of cable-suspension bridges and dams.
306. V. V. Rabinovich (Krasnoyarsk). On the theory of take plates.
307. D. S. Rabinovich (Krasnoyarsk). Some elliptic problems connected with reinforced glass.
308. B. I. Mord (Chernigov). Remarks and a remark to the theory of plasticity of Kelvin and Biot-Briegleb.
309. A. M. Shabotov (Kharkov). Maximum weights curves in a system of curves designed for certain bodies.
310. V. V. Burenkov (Kharkov). The stability of cylindrical bars under constant compression. Flows, and oscillations.
311. I. A. Tsvetkov (Kharkov). The mathematical formulation of the problem of the stability of the equilibrium state of a rotating cylinder under the action of a rotating load.
312. I. A. Tsvetkov (Kharkov). The problem of the rotation of the cylinder of the oil well.
313. I. A. Tsvetkov (Kharkov). Main kinetic problem for rotating cylindrical shells.
314. Yu. I. Cherevich (Kiev). On some properties of the tension diagram of metals in the range of small elastoplastic deformations.
315. Yu. I. Cherevich (Kiev). A mathematical problem connected with the elastic moduli of a reinforced surface.
316. Yu. I. Cherevich (Kiev). On the forced transverse vibrations of a disk with a central hole.
317. Yu. I. Cherevich (Kiev). On the interpretation of the mechanical properties of the base plate of plasticity.
318. Yu. I. Cherevich (Kiev). Strength of fiber-reinforced plastic and glass.
319. Yu. I. Cherevich (Kiev). On the static equilibrium of shells.
320. Yu. I. Cherevich (Kiev). A contribution to the formulation of problems concerning elastoplastic plastic shells.
321. Yu. I. Cherevich (Kiev). Solutions of some characteristic problems of plasticity with application to the shells of tanks.
322. Yu. I. Cherevich (Kiev). The solution of some contact problems of elasticity (equation of friction type).
323. Yu. I. Burman (Kharkov). A heavy cable subjected to oscillations.
324. Yu. I. Burman (Kharkov). The method of integral equations in the problem of oscillations.
325. Yu. I. Burman (Kharkov). Group of non-uniformly heated bodies.
326. Yu. I. Istrati (Kharkov). Accelerated motions of a perfectly plastic medium.

244304

26149  
S/044/61/000/005/012/025  
C111/C444

AUTHOR: Churikov, F. S.

TITLE: On the shape of the equations of a supersonic gas-flow

PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1961, 47,  
abstract 5B228. (Uch. zap. Sev. - Osetnisk. gos. ped.  
in-t, 1958, 23, no. 1, 3 - 8)

TEXT: A method is described in order to transform the system  
of two quasilinear equations of first order and of the hyperbolic type

$$\begin{aligned} L_1(x, y, u, v, u_x, v_x, u_y, v_y) &= 0 \\ L_2(x, y, u, v, u_x, v_x, u_y, v_y) &= 0 \end{aligned} \quad (1)$$

which describes certain supersonic flows of the liquid. The linearised system (1) is written down with respect to the characteristic variables  $\xi, \eta$  as approximative linear differential equations of second order and of the hyperbolic type for the functions  $u(\xi, \eta)$  and  $v(\xi, \eta)$

$$u_{\xi, \eta} = A(\xi, \eta)u_\xi + B(\xi, \eta)u_\eta + C(\xi, \eta)u + D(\xi, \eta). \quad (2)$$

A condition is given for the coefficients of (2) such that, if it is  
Card 1/2

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C111/C444

On the shape of the equation...

satisfied, the equation is simplified and obtains the form:

$$w_{\xi,\eta} = a(\xi, \eta)w, \quad (3)$$

called compact by the author.

A relation is given without proof, which connects the compact function  $w(\xi, \eta)$  with  $u(\xi, \eta)$  of (2). It is shown that a number of linearised gasdynamic equations can be transformed to the compact form. An example is given, describing the one-dimensional instationary izentropic supersonic flow of a liquid and the plane stationary flow in the hodograph plane; the system is transformed and brought to the compact form. A Volterra integral equation is obtained which is equivalent to equation (3). It is pointed to the expediency of the reduction of linear differential equations of second order to the compact form.

(Abstracter's note: Complete translation.)

Card 2/2

CHURIKOV, F.S. (Ordzhonikidze)

Integrating equations in the theory of a water hammer. Izv.  
AN SSSR. Mekh. i mashinostr. no. 2:176-178 Mr-Ap '64.  
(MIRA 17:5)

CHURIKOV, F.S. (Ordzhonikidze)

Generalization of the method of functionally invariant solutions  
for finding certain integrals of harmonic and wave equations  
applicable in mechanics and physics. Prikl. mat. i mekh. 28 no.5:  
899-907 S-0 '64. (MIRA 17:11)

CHURIKOV, F.S., dotsent

Algebraic method for finding the extremum values of polynomials.  
Uch. zap. SOGPI 26 no.2:3-14 '64.

Note on the second remarkable limit. Ibid.:15-18

(MIRA 19:1)

L 46681-66 EWT(1)/EWP(m)

ACC NR: AP6020730

SOURCE CODE: UR/0421/66/000/003/0105/0108

AUTHOR: Churikov, F. S. (Ordzhonikadze)

54  
B

ORG: none

TITLE: Approximation equations for planar gas flow and their integration

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 3, 1966, 105-108

TOPIC TAGS: gas flow, approximation calculation, integration, plane flow, transonic flow, hypersonic flow

ABSTRACT: In view of the fact that the linearized second-order differential equation describing planar stationary isentropic potential gas flow cannot be integrated by analytic means, the author derives several approximating equations for the particular cases of transonic gas flow and planar gas flow with large supersonic velocity. In both cases the approximation is based on replacing the dimensionless velocity by some function that simplifies the differential equation and makes integration easier. The integration is by separation of variables or by constructing an appropriate Riemann function. Orig. art. has: 1 figure and 14 formulas.

SUB CODE: 20, 12/ SUBM DATE: 17Aug65/ ORIG REF: 002

Card 1/1 hs

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, G.

One against ten. Starsh.-serzh. no.9:23 S '62.  
(World War, 1939-1945) (MIRA 15:11)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, G.N.

Measuring right angles by means of universal microscopes. Izm.tekh.  
no.2:65-66 Mr.Ap '56. (MLRA 9:7)  
(Geniemetry)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

CHURIKOV, G.N.

Checking the measuring capacity of micrometers. Izm.tekh,no.1;66-  
68 Ja-F '57. (MIRA 10:4)

(Micrometer)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, G.N.

Checking the parallelism of working surfaces of micrometers with  
measurement ranges over 100 mm. Izm. tekhn. no.3:77 My-Je '57.  
(Micrometer) (MLRA 10:8)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

CHURIKOV, G.N.

Checking the IZM-11 machines. Iss.tekh. 20 no.1:7-8 Ja ' 59.  
(MIRA 11:12)

(Measuring instruments--Testing)

CHURIKOV, G. N.

New method for checking optical quadrants. Izm.tekh.  
no.4:8-9 Ap '60. (MIRA 13:8)  
(Quadrant--Testing)

CHURIKOV, I.I., kand. sel'skokhoz. nauk

Wintering peas in the Kuban. Zemledelie 25 no.8:75-80 Ag '63.

(MIRA 16:10)

1. Kubanskiy sel'skokhozyaystvennyy institut.  
(Krasnodar Territory—Peas—Varieties)

ALESHIN, Ye.P., kand. biol. nauk; YARKIN, S.A.; SEMENENKO, A.N.;  
KIRICHENKO, K.S., kand. sel'khoz. nauk; CHURIKOV, I.I.; SAPELKIN, V.K.; RODIONOV, M.S.; RADIN, Yu.P.; FEDOROVA, Yu.A., red.; SAYTANIDI, L.D., tekhn. red.

[Growing rice on irrigated lands] Vozdelyvanie risa na oroshaemykh zemliakh. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1963. 101 p. (MIRA 16:12)  
(Rice)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, I.I., kand. sel'skokhoz. nauk (Krasnodar)

Irrigation system for rice in the salinized soils of the  
Caspian Lowland. Gidr. i mel. 16 no.4:34-38 Ap '64.

(MIRA 17:6)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

CHURIKOV, N.S., Geroy Sovetskogo Soyuza

Controlling susliks. Zashch. rast. ot vred. i bol. 9 no.1:7-10 '64.  
(MIRA 17:4)  
1. Nachal'nik Ural'skoy stantsii zashchity rasteniy.

CHURIKOV, N.S.; DERYABKIN, V.I., inzh. aviatsii spetsprimeneniya (Simferopol')

Toward the 22d Congress of the CPSU. Zashch. rast. ot vred. i bol.  
6 no.9:3 S '61. (MIRA 16:5)

1. Direktor Zapadno-Kazakhstanskoy stantsii zashchity rasteniy,  
Ural'sk (for Churikov).  
(Plants, Protection of)

CHURIKOV, N.S., Geroy Sovetskogo Soyuza

Getting rid of susliks in western Kazakhstan. Zashch. rast. ot vred.  
i bol. 6 no.4:9-10 Ap '61. (MIRA 15:6)

1. Direktor Ural'skoy oblastnoy stantsii zashchity rasteniy.  
(Kazakhstan—Susliks) (Rodent control)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, S. [Churykov, S.], inzh.; TURENKO, I., inzh.

Anticorrosion coatings for reinforced concrete construction  
elements. Bud.mati konstr. 1 no.1:24-27 O '59. (MIRA 15:8)  
(Reinforced concrete--Corrosion)  
(Protective coatings)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2

CHURIKOV, S.S., inzhener; MOMOT, F.M., inzhener

Mobile plastering unit. Rats. i izobr. predl. v stroi. no.86:  
3-5 '54.

(MIRA 8:8)

(Plastering)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130001-2"

TURENKO, Ivan Yakovlevich; CHURIKOV, Semen Stepanovich; CHALOVSKIY, Vlادимир Alekseyevich; SLIN'KO, B., red.; BABIL'CHANOVА, G., tekhn. red.

[Preventing the corrosion of concrete reinforcements] Zashchita armatury ot korrozii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 18 p.  
(MIRA 14:9)

1. Akademiya budivnystva i arkhitektury URSR.  
(Concrete reinforcement—Corrosion)

CHURIKOV, S.S., inzh.

Efficient method of protecting the reinforcement of concrete elements  
from corrosion. Trudy NIIZHB no.22:61-63 '61. (MIRA 14:10)  
(Concrete reinforcement) (Protective coatings)

REYER, M.; AGRIKOVA, K., ekonomist; POLYAKOV, A., ekonomist; CHURIKOV, V.;  
BOGDANOVA, K.

Improve issuing credit to railroads. Den. i dred. 20 no.10:42-53 0 '62.  
(MIRA 15:12)

1. Nachal'nik otdela kreditovaniya transporta i avyazi Leningradskoy  
gorodskoy kontory Gosbanda (for Reyer). 2. Saratovskaya oblastnaya  
kontora Goasbanka (for Agrikova, Polyakov).  
(Railroads—Finance)

CHURIKOV, V., vtoroy shturman

Efficient work organization of crews is a guarantee for increased  
safety in navigation. Mor. flot 23 no.4:15-16 Ap '63.  
(MIRA 16:5)

1. Kitobaza "Sovetskaya Ukraina".  
(Ship handling--Safety measures)  
(Merchant seamen)

CHURIKOV, V.A.

Existence and uniqueness of a certain boundary value problem  
and estimates for its solution. Dif. urav. 1 no.7;933-945  
Jl '65. (MIRA 18:8)

1. Izhevskiy mekhanicheskiy institut.

CHURIKOV, V. S.

15-57-7-9622

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,  
pp 125-126 (USSR)

AUTHOR: Churikov, V. S.

TITLE: One Type of Fissures Filling in Hypogene Ore Formation  
(Ob odnom tipe zapolneniya treshchin pri gipogennom  
rudobrazovaniye)

PERIODICAL: Sov. geologiya, 1956, sb. Nr 50, pp 90-101.

ABSTRACT: The author attempts to establish that the filling of open ore-containing fissures was a single short-time act and that the matrix at the time of the intrusion already had a marked density and viscosity. This point of view has previously been expressed both by Soviet and by foreign geologists. The author's stand is based on: 1) analysis of some characteristics of the ore zone of one of the tungsten deposits; 2) observations of the structure of veins and the nature of mineral deposits; 3) microscopic examination of thin sections. The viscosity of the matrix is indicated by: 1) the suspension

Card 1/3

15-57-7-9622

One Type of Fissures Filling in Hypogene (Cont.)

in it of host rock fragments of various kinds, with ore minerals stretching out in all directions from these fragments; 2) the presence of severed and only slightly displaced fragments of a number of heavy minerals with a high density; 3) the presence of separate nontouching spherulite-like rosettes of molybdenite and muscovite in solid quartz, and 4) the suspension in the quartz of ore minerals which do not gravitate toward the selvages or toward inclusions of host rock. The author believes that crystallization from a single quartz-ore-bearing mass has occurred under conditions of a basically stagnant medium of low mobility. He further believes this occurrence is responsible for: 1) the large formations of ore minerals and gangue; 2) the variation of the size of these formations with the thickness of the viens; 3) the transverse columnar structure of the veins and streaks; 4) the unilateral radial disposition and radial formations of a number of minerals; 5) the transformation of some minerals into others; 6) the inconsistent age relationships. The presence of mineralizing agents in a number of minerals promoted crystallization of the minerals. Crystallization of quartz appears to have occurred later than that of the majority of ore minerals,

Card 2/3

15-57-7-9622

One Type of Fissures Filling in Hypogene (Cont.)

and the article enumerates the indications of this. The predominant association of the ore formations with the selvages and with various kinds of inclusion of host rock contributed to lowering of the temperature, and hence to crystallization of ore minerals. The author connects this association with the simultaneous filling of ore-enclosing cavities.

I. V. Kunayev

Card 3/3

CHURIKOV, V.S.

Formation of veins as illustrated by the Severnyy Kounrad  
tungsten ore deposit. Sov.geol. 2 no.12:119-123 D '59.  
(MIRA 13:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i goekhimii AN SSSR.  
(Kazakhstan--Ore deposits)

ZONENSHAYN, L.P.; BERTEL'S-USPENSKAYA, I.A.; SAFRONOV, V.S.; NEYMAN, V.B.;  
GENDLER, V.Ye.; CHURIKOV, V.S.; YEREMIN, N.I.; KOCAN, B.S.; YAKOVLEVA,  
M.N.; LANGE, O.K.; KABANOV, G.K.; KUZNETSOVA, K.I.; SINITSYNA, I.N.;  
SMIRNOVA, T.N.; VENKATACHALAPATI, V.; MASLAKOVA, N.I.; BELOUSOVA, Z.D.;  
YAKUBOVSKAYA, T.A.; YURINA, A.L.; RYBAKOVA, N.O.; MOROZOVA, V.G.;  
BARASH, M.S.; FONAREV, V.I.; NIKONOV, A.A.

Activity of the Geological Sections of the Moscow Naturalists' Society. Biul. MOIP. Otd. geol. 39 no. 6:127-151 N-D '64.  
(MIRA 18:3)